Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

EMB

"SEOND AND PART BILL"

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 3-10-22, 18-10-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff						
	2nd Bill						
	Judicial Layout						
	4th Cross Rd						
	LHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch:30.00m to 49.00m	1	19.00	1.10	1.00	20.90	
	RHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	Ch:30.00m to 47.55m	1	17.55	1.10	1.00	19.31	
	Continue 4th Cross Rd						
	LHS From SWD						
	Ch:0.00m to 6.20m	1	6.20	1.10	1.00	6.82	
	Ch:6.20m to 19.20m	1	13.00	1.10	1.00	14.30	
	Ch:19.20m to 45.60m	1	26.40	1.10	1.00	29.04	
	Ch:45.60m to 57.80m	1	12.20	1.10	1.00	13.42	
	Ch:57.80m to 70.05m	1	12.25	1.10	1.00	13.48	
	Ch:70.05m to 74.05m	1	4.00	1.10	1.00	4.40	
	Ch:74.05m to 82.35m	1	8.30	1.10	1.00	9.13	
	Ch:82.35m to 94.70m	1	12.35	1.10	1.00	13.59	
	Ch:94.70m to 120.80m	1	26.10	1.10	1.00	28.71	
	Ch:120.80m to 130.80m	1	10.00	1.10	1.00	11.00	
	Ch:130.80m to 143.30m	1	12.50	1.10	1.00	13.75	
	Ch:143.30m to 146.15m	1	2.85	1.10	1.00	3.14	
	Ch:146.15m to 155.30m	1	9.15	1.10	1.00	10.07	
	Ch:155.30m to 180.00m Gap	1	24.70				
	Ch:180.00m to 210.00m	1	30.00	1.10	1.00	33.00	
	Ch:210.00m to 231.30m	1	21.30	1.10	1.00	23.43	
	Ch:231.30m to 233.80m	1	2.50	1.10	1.00	2.75	
	Ch:233.80m to 253.70m	1	19.90	1.10	1.00	21.89	
	Ch:253.70m to 265.80m	1	12.10	1.10	1.00	13.31	
	Ch:265.80m to 290.10m	1	24.30	1.10	1.00	26.73	
	RHS From 1st Main Rd						

NEWZEN CONSULTANT Consultants Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 108.20m to 126.70m Gap		18.50				
	Ch: 126.70m to 156.70m	1	30.00	0.50	0.10	1.50	
	Ch: 156.70m to 180.70m	1	24.00	0.50	0.10	1.20	
	LHS						
	Ch: 0.00m to 26.50m Gap		26.50				
	Ch: 26.50m to 52.40m	1	25.90	0.55	0.10	1.42	
	Ch: 52.40m to 63.00m Rd Gap		10.60				
	Ch: 63.00m to 87.60m	1	24.60	0.65	0.10	1.60	
	Ch: 87.60m to 91.40m Gap		3.80				
	Ch: 91.40m to 120.40m	1	29.00	0.65	0.10	1.89	
	Ch: 120.40m to 130.80m Rd Gap		10.40				
	Ch: 130.80m to 156.30m	1	25.50	0.65	0.10	1.66	
	Ch: 156.30m to 162.10m Gap		5.80				
	Ch: 162.10m to 182.80m	1	20.70	0.65	0.10	1.35	
	12th Main Rd						
	LHS						
	Ch: 0.00m to 13.30m	1	13.30	0.30	0.10	0.40	
					Present Qty	**2211.70**	**Cum**
					Qty Paid In 1st Part Bill	**7205.97**	**Cum**
					Total Qty	**9417.68**	**Cum**
					Qty Deduct In 1st Part Bill	**7205.97**	**Cum**
					Qty Payable In 2nd Part Bill	**2211.70**	**Cum**

Contractor

Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 6-10-22 , 25-10-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.						
	2nd Bill						
	Judicial Layout						
	4th Cross Rd						
	LHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch:30.00m to 49.00m	1	19.00	1.10	0.15	3.14	
	RHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	Ch:30.00m to 47.55m	1	17.55	1.10	0.15	2.90	
	Continue 4th Cross Rd						
	LHS From SWD						
	Ch:0.00m to 6.20m	1	6.20	1.10	0.15	1.02	
	Ch:6.20m to 19.20m	1	13.00	1.10	0.15	2.15	
	Ch:19.20m to 45.60m	1	26.40	1.10	0.15	4.36	
	Ch:45.60m to 57.80m	1	12.20	1.10	0.15	2.01	
	Ch:57.80m to 70.05m	1	12.25	1.10	0.15	2.02	
	Ch:70.05m to 74.05m	1	4.00	1.10	0.15	0.66	
	Ch:74.05m to 82.35m	1	8.30	1.10	0.15	1.37	
	Ch:82.35m to 94.70m	1	12.35	1.10	0.15	2.04	
	Ch:94.70m to 120.80m	1	26.10	1.10	0.15	4.31	
	Ch:120.80m to 130.80m	1	10.00	1.10	0.15	1.65	
	Ch:130.80m to 143.30m	1	12.50	1.10	0.15	2.06	
	Ch:143.30m to 146.15m	1	2.85	1.10	0.15	0.47	
	Ch:146.15m to 155.30m	1	9.15	1.10	0.15	1.51	
	Ch:155.30m to 180.00m Gap	1	24.70				
	Ch:180.00m to 210.00m	1	30.00	1.10	0.15	4.95	
	Ch:210.00m to 231.30m	1	21.30	1.10	0.15	3.51	
	Ch:231.30m to 233.80m	1	2.50	1.10	0.15	0.41	
	Ch:233.80m to 253.70m	1	19.90	1.10	0.15	3.28	
	Ch:253.70m to 265.80m	1	12.10	1.10	0.15	2.00	

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	13th Main Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.55	0.15	2.48	
	Ch: 30.00m to 55.90m	1	25.90	0.55	0.15	2.14	
	5th A Cross Rd						
	RHS						
	Ch: 0.00m to 30.00m	1	30.00	0.55	0.15	2.48	
	Ch: 30.00m to 60.00m	1	30.00	0.55	0.15	2.48	
	Ch: 60.00m to 71.60m	1	11.60	0.50	0.15	0.87	
	Ch: 71.60m to 90.20m		18.60	0.50	0.15	0.00	
	Ch: 90.20m to 108.20m	1	18.00	0.50	0.15	1.35	
	Ch: 108.20m to 126.70m Gap		18.50				
	Ch: 126.70m to 156.70m	1	30.00	0.50	0.15	2.25	
	Ch: 156.70m to 180.70m	1	24.00	0.50	0.15	1.80	
	LHS						
	Ch: 0.00m to 26.50m Gap		26.50				
	Ch: 26.50m to 52.40m	1	25.90	0.55	0.15	2.14	
	Ch: 52.40m to 63.00m Rd Gap		10.60				
	Ch: 63.00m to 87.60m	1	24.60	0.65	0.15	2.40	
	Ch: 87.60m to 91.40m Gap		3.80				
	Ch: 91.40m to 120.40m	1	29.00	0.65	0.15	2.83	
	Ch: 120.40m to 130.80m Rd Gap		10.40				
	Ch: 130.80m to 156.30m	1	25.50	0.65	0.15	2.49	
	Ch: 156.30m to 162.10m Gap		5.80				
	Ch: 162.10m to 182.80m	1	20.70	0.65	0.15	2.02	
	12th Main Rd						
	LHS						
	Ch: 0.00m to 13.30m	1	13.30	0.30	0.15	0.60	
					Present Qty	**675.28**	**Cum**
					Qty Paid In 1st Part Bill	**1130.21**	**Cum**
					Total Qty	**1805.50**	**Cum**
					Qty Deduct In 1st Part Bill	**1130.21**	**Cum**
					Qty Payable In 2nd Part Bill	**675.28**	**Cum**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 18-10-22, 27-10-22, 10-11-22

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)						
	2nd Bill						
	RCC Drain Raft						
	Judicial Layout						
	4th Cross Rd						
	LHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch:30.00m to 49.00m	1	19.00	0.90	0.15	2.57	
	RHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	Ch:30.00m to 47.55m	1	17.55	0.90	0.15	2.37	
	Continue 4th Cross Rd						
	LHS From SWD						
	Ch:0.00m to 6.20m	1	6.20	0.90	0.15	0.84	
	Ch:6.20m to 19.20m	1	13.00	0.90	0.15	1.76	
	Ch:19.20m to 45.60m	1	26.40	0.90	0.15	3.56	
	Ch:45.60m to 57.80m	1	12.20	0.90	0.15	1.65	
	Ch:57.80m to 70.05m	1	12.25	0.90	0.15	1.65	
	Ch:70.05m to 74.05m	1	4.00	0.90	0.15	0.54	
	Ch:74.05m to 82.35m	1	8.30	0.90	0.15	1.12	
	Ch:82.35m to 94.70m	1	12.35	0.90	0.15	1.67	
	Ch:94.70m to 120.80m	1	26.10	0.90	0.15	3.52	
	Ch:120.80m to 130.80m	1	10.00	0.90	0.15	1.35	
	Ch:130.80m to 143.30m	1	12.50	0.90	0.15	1.69	
	Ch:143.30m to 146.15m	1	2.85	0.90	0.15	0.38	
	Ch:146.15m to 155.30m	1	9.15	0.90	0.15	1.24	
	Ch:155.30m to 180.00m Gap	1	24.70				
	Ch:180.00m to 210.00m	1	30.00	0.90	0.15	4.05	
	Ch:210.00m to 231.30m	1	21.30	0.90	0.15	2.88	
	Ch:231.30m to 233.80m	1	2.50	0.90	0.15	0.34	
	Ch:233.80m to 253.70m	1	19.90	0.90	0.15	2.69	

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=510							
	No of distrubution Bars=28		512	2.20		0.89	1002.50	
			28	38.25		0.61	653.31	
							26436.11	
						Present Qty	26.44	Tn
						Qty Paid In 1st Part Bill	118.70	Tn
						Total Qty	145.14	Tn
						Qty Deduct In 1st Part Bill	118.70	Tn
						Qty Payable In 2nd Part Bill	26.44	Tn

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Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 7-11-22, 11-11-22, 18-11-22

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete						
	2nd Bill						
	Ward No-04						
	For Kerb Stone						
	Judicial Layout						
	4th Cross Rd						
	LHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 49.00m	1	19.00	0.20	0.10	0.38	
	RHS From 1st Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
	Ch:30.00m to 47.55m	1	17.55	0.20	0.10	0.35	
	Continue 4th Cross Rd						
	LHS From SWD						
	Ch:0.00m to 6.20m	1	6.20	0.20	0.10	0.12	
	Ch:6.20m to 19.20m	1	13.00	0.20	0.10	0.26	
	Ch:19.20m to 45.60m	1	26.40	0.20	0.10	0.53	
	Ch:45.60m to 57.80m	1	12.20	0.20	0.10	0.24	
	Ch:57.80m to 70.05m	1	12.25	0.20	0.10	0.25	
	Ch:70.05m to 74.05m	1	4.00	0.20	0.10	0.08	
	Ch:74.05m to 82.35m	1	8.30	0.20	0.10	0.17	
	Ch:82.35m to 94.70m	1	12.35	0.20	0.10	0.25	
	Ch:94.70m to 120.80m	1	26.10	0.20	0.10	0.52	
	Ch:120.80m to 130.80m	1	10.00	0.20	0.10	0.20	
	Ch:130.80m to 143.30m	1	12.50	0.20	0.10	0.25	
	Ch:143.30m to 146.15m	1	2.85	0.20	0.10	0.06	
	Ch:146.15m to 155.30m	1	9.15	0.20	0.10	0.18	
	Ch:155.30m to 180.00m Gap	1	24.70				
	Ch:180.00m to 210.00m	1	30.00	0.20	0.10	0.60	
	Ch:210.00m to 231.30m	1	21.30	0.20	0.10	0.43	

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Ch: 120.40m to 130.80m Rd Gap		10.40				
	Ch: 130.80m to 156.30m	1	25.50	0.65	0.10	1.66	
	Ch: 156.30m to 162.10m Gap		5.80				
	Ch: 162.10m to 182.80m		20.70	0.65	0.10	1.35	
	12th Main Rd						
	LHS						
	Ch: 0.00m to 13.30m	1	13.30	0.30	0.10	0.40	
						128.49	**Cum**
					Released Reserved Qty	**43.93**	**Cum**
					Present Qty	**172.42**	**Cum**
					Qty Paid In 1st Part Bill	**91.40**	**Cum**
					Total Qty	**263.82**	**Cum**
					Qty Deduct In 1st Part Bill	**91.40**	**Cum**
					Qty Payable In 2nd Part Bill	**172.42**	**Cum**
					Upto 125%	**22.85**	**Cum**
					Above 125%	**149.57**	**Cum**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO-05)

Detailed Measurements

Measurement Recorded On: 11-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.						
	2nd Bill						
	Ward No-04						
	Asphalt Road For Cut Portion						
	LHS						
	Judicial Layout						
	9th Cross Rd						
	From 14th Main Rd						
	Ch:0.00m to 3.20m	1	3.20	$\frac{0.70 + 0.90}{2}$	0.40	1.02	
	Ch:93.90m to 22.50m	1	19.30	$\frac{0.90 + 0.80}{2}$	0.40	6.56	
	Ch:22.50m to 45.80m	1	23.30	$\frac{0.80 + 0.70}{2}$	0.40	6.99	
	Ch:45.80m to 51.60m	1	5.80	$\frac{0.70 + 0.80}{2}$	0.40	1.74	
	Ch:51.60m to 54.80m	1	3.20	$\frac{0.80 + 0.70}{2}$	0.40	0.96	
	Ch:54.80m to 62.00m	1	7.20	$\frac{0.70 + 0.60}{2}$	0.40	1.87	
	Ch:62.00m to 74.40m	1	12.40	$\frac{0.60 + 0.80}{2}$	0.40	3.47	
	Ch:74.40m to 85.70m	1	11.30	$\frac{0.80 + 0.90}{2}$	0.40	3.84	
	Ch:85.70m to 94.90m	1	9.20	$\frac{0.90 + 1.00}{2}$	0.40	3.50	
	Ch:94.90m to 110.40m	1	15.50	$\frac{1.00 + 0.70}{2}$	0.40	5.27	
	Ch:110.40m to 140.40m	1	30.00	$\frac{0.70 + 0.90}{2}$	0.40	9.60	

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:112.00m to 118.80m	1	6.80	(1.00 + 1.10)/2	0.40	2.86	
	Ch 118.80m to123.55m	1	4.75	(1.10 + 1.20)/2	0.40	2.19	
	RHS Side						
	5th Cross Rd						
	From 1st Main Rd						
	Ch:0.00m to 1.50m	1	1.50	(0.70 + 0.60)/2	0.40	0.39	
	Ch:1.50m to 7.80m	1	6.30	(0.60 + 1.00)/2	0.40	2.02	
	Ch:7.80m to 20.30m	1	12.50	(1.00 + 1.10)/2	0.40	5.25	
	Ch: 20.30m to35.30m	1	15.00	(1.10 + 0.90)/2	0.40	6.00	
	3rd Cross Rd						
	From 1st Main Rd						
	Ch:0.00m to 26.30m	1	26.30	(0.70 + 0.60)/2	0.40	6.84	
					Present Qty	**819.70**	**Cum**
					Qty Paid In 1st Part Bill	**0.00**	**Cum**
					Total Qty	**819.70**	**Cum**
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**
					Qty Payable In 2nd Part Bill	**819.70**	**Cum**

Contractor

NEWZEN CONSULTANTS Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 19-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.						
	2nd Bill						
	Ward No-04						
	Asphalt Road For Cut Portion						
	LHS						
	Judicial Layout						
	9th Cross Rd						
	From 14th Main Rd						
	Ch:0.00m to 3.20m	1	3.20	(0.70 + 0.90)/2	0.23	0.59	
	Ch:93.90m to 22.50m	1	19.30	(0.90 + 0.80)/2	0.23	3.77	
	Ch:22.50m to 45.80m	1	23.30	(0.80 + 0.70)/2	0.23	4.02	
	Ch:45.80m to 51.60m	1	5.80	(0.70 + 0.80)/2	0.23	1.00	
	Ch:51.60m to 54.80m	1	3.20	(0.80 + 0.70)/2	0.23	0.55	
	Ch:54.80m to 62.00m	1	7.20	(0.70 + 0.60)/2	0.23	1.08	
	Ch:62.00m to 74.40m	1	12.40	(0.60 + 0.80)/2	0.23	2.00	
	Ch:74.40m to 85.70m	1	11.30	(0.80 + 0.90)/2	0.23	2.21	
	Ch:85.70m to 94.90m	1	9.20	(0.90 + 1.00)/2	0.23	2.01	
	Ch:94.90m to 110.40m	1	15.50	(1.00 + 0.70)/2	0.23	3.03	
	Ch:110.40m to 140.40m	1	30.00	(0.70 + 0.90)/2	0.23	5.52	
	Ch:140.40m to 170.40m	1	30.00	(0.90 + 0.95)/2	0.23	6.38	

Contractor

CITIZEN CONSULTANTS (P) LTD Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch 118.80m to123.55m	1	4.75	(1.10 + 1.20)/2	0.23	1.26	
	RHS Side						
	5th Cross Rd						
	From 1st Main Rd						
	Ch:0.00m to 1.50m	1	1.50	(0.70 + 0.60)/2	0.23	0.22	
	Ch:1.50m to 7.80m	1	6.30	(0.60 + 1.00)/2	0.23	1.16	
	Ch:7.80m to 20.30m	1	12.50	(1.00 + 1.10)/2	0.23	3.02	
	Ch: 20.30m to35.30m	1	15.00	(1.10 + 0.90)/2	0.23	3.45	
	3rd Cross Rd						
	From 1st Main Rd						
	Ch:0.00m to 26.30m	1	26.30	(0.70 + 0.60)/2	0.23	3.93	
				Present Qty		471.33	Cum
				Qty Paid In 1st Part Bill		0.00	Cum
				Total Qty		471.33	Cum
				Qty Deduct In 1st Part Bill		0.00	Cum
				Qty Payable In 2nd Part Bill		471.33	Cum

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 20-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. Volume-3						
	2nd Bill						
	Ward No-04						
	Asphalt Road For Cut Portion						
	LHS						
	Judicial Layout						
	9th Cross Rd						
	From 14th Main Rd						
	Ch:0.00m to 3.20m	1	3.20	$\frac{0.70 + 0.90}{2}$		2.56	
	Ch:93.90m to 22.50m	1	19.30	$\frac{0.90 + 0.80}{2}$		16.41	
	Ch:22.50m to 45.80m	1	23.30	$\frac{0.80 + 0.70}{2}$		17.48	
	Ch:45.80m to 51.60m	1	5.80	$\frac{0.70 + 0.80}{2}$		4.35	
	Ch:51.60m to 54.80m	1	3.20	$\frac{0.80 + 0.70}{2}$		2.40	
	Ch:54.80m to 62.00m	1	7.20	$\frac{0.70 + 0.60}{2}$		4.68	
	Ch:62.00m to 74.40m	1	12.40	$\frac{0.60 + 0.80}{2}$		8.68	
	Ch:74.40m to 85.70m	1	11.30	$\frac{0.80 + 0.90}{2}$		9.61	
	Ch:85.70m to 94.90m	1	9.20	$\frac{0.90 + 1.00}{2}$		8.74	
	Ch:94.90m to 110.40m	1	15.50	$\frac{1.00 + 0.70}{2}$		13.18	
	Ch:110.40m to 140.40m	1	30.00	$\frac{0.70 + 0.90}{2}$		24.00	
	Ch:140.40m to 170.40m	1	30.00	$\frac{0.90 + 0.95}{2}$		27.75	
	Ch:170.40m to 175.20m	1	4.80	$\frac{0.95 + 1.00}{2}$		4.68	

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Matru Layout						
	For Profile Correction						
	Left Side Roads						
	5th Cross Rd						
	From 1st Main Rd						
	Ch:0.00m to 30.00m	1	30.00	(1.30 + 1.40)/2		40.50	
	Ch:30.00m to 39.00m	1	9.00	(1.40 + 1.20)/2		11.70	
	Ch:39.00m to 56.70m	1	17.70	(1.20 + 1.70)/2		25.67	
	Ch: 56.70vm to 86.70m	1	30.00	(1.70 + 2.00)/2		55.50	
	Ch:86.70m to 93.60m	1	6.90	(2.00 + 1.20)/2		11.04	
	Ch: 93.60m to 112.00m	1	18.40	(1.20 + 1.10)/2		21.16	
	Ch:112.00m to 118.80m	1	6.80	(1.10 + 1.10)/2		7.48	
	Ch 118.80m to123.55m	1	4.75	(1.10 + 1.20)/2		5.46	
					Present Qty	**7831.61**	**Sqm**
					Qty Paid In 1st Part Bill	**0.00**	**Sqm**
					Total Qty	**7831.61**	**Sqm**
					Qty Deduct In 1st Part Bill	**0.00**	**Sqm**
					Qty Payable In 2nd Part Bill	**7831.61**	**Sqm**

Contractor

NEMZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 22-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom Volume-3						
	2nd Bill						
	Ward No-04						
	Asphalt Road						
	Judicial Layout						
	9th Cross Rd						
	From 14th Main Rd						
	Ch:0.00m to 3.20m	1	3.20	(8.75 + 8.35)/2		27.36	
	Ch:93.90m to 22.50m	1	19.30	(7.70 + 7.45)/2		146.20	
	Ch:22.50m to 45.80m	1	23.30	(6.80 + 6.30)/2		152.62	
	Ch:45.80m to 51.60m	1	5.80	(7.10 + 7.80)/2		43.21	
	Ch:51.60m to 54.80m	1	3.20	(7.10 + 6.90)/2		22.40	
	Ch:54.80m to 62.00m	1	7.20	(7.35 + 7.30)/2		52.74	
	Ch:62.00m to 74.40m	1	12.40	(6.60 + 6.50)/2		81.22	
	Ch:74.40m to 85.70m	1	11.30	(7.50 + 7.55)/2		85.03	
	Ch:85.70m to 94.90m	1	9.20	(6.00 + 5.70)/2		53.82	
	Ch:94.90m to 110.40m	1	15.50	(6.10 + 6.80)/2		99.98	
	Ch:110.40m to 140.40m	1	30.00	(7.15 + 6.70)/2		207.75	
	Ch:140.40m to 170.40m	1	30.00	(6.70 + 6.90)/2		204.00	
	Ch:170.40m to 175.20m	1	4.80	(6.90 + 8.90)/2		37.92	

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Contractor

NEENZEN CONSULTANTS Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		-1	7.20	0.90 + 0.90 / 2		-6.48	
		-1	11.30	0.50 + 0.50 / 2		-5.65	
					Present Qty	6744.99	Sqm
					Qty Paid In 1st Part Bill	0.00	Sqm
					Total Qty	6744.99	Sqm
					Qty Deduct In 1st Part Bill	0.00	Sqm
					Qty Payable In 2nd Part Bill	6744.99	Sqm

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 21-12-22 , 23-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per						
	2nd Bill						
	Ward No-04						
	Asphalt Road						
	Judicial Layout						
	9th Cross Rd						
	From 14th Main Rd						
	Ch:0.00m to 3.20m	1	3.20	(8.75 + 8.35)/2	0.05	1.37	
	Ch:93.90m to 22.50m	1	19.30	(7.70 + 7.45)/2	0.05	7.31	
	Ch:22.50m to 45.80m	1	23.30	(6.80 + 6.30)/2	0.05	7.63	
	Ch:45.80m to 51.60m	1	5.80	(7.10 + 7.80)/2	0.05	2.16	
	Ch:51.60m to 54.80m	1	3.20	(7.10 + 6.90)/2	0.05	1.12	
	Ch:54.80m to 62.00m	1	7.20	(7.35 + 7.30)/2	0.05	2.64	
	Ch:62.00m to 74.40m	1	12.40	(6.60 + 6.50)/2	0.05	4.06	
	Ch:74.40m to 85.70m	1	11.30	(7.50 + 7.55)/2	0.05	4.25	
	Ch:85.70m to 94.90m	1	9.20	(6.00 + 5.70)/2	0.05	2.69	
	Ch:94.90m to 110.40m	1	15.50	(6.10 + 6.80)/2	0.05	5.00	
	Ch:110.40m to 140.40m	1	30.00	(7.15 + 6.70)/2	0.05	10.39	
	Ch:140.40m to 170.40m	1	30.00	(6.70 + 6.90)/2	0.05	10.20	

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch: 56.70vm to 86.70m	1	30.00	(1.70 + 2.00) / 2	0.05	2.78	
	Ch:86.70m to 93.60m	1	6.90	(2.00 + 1.20) / 2	0.05	0.55	
	Ch: 93.60m to 112.00m	1	18.40	(1.20 + 1.10) / 2	0.05	1.06	
	Ch:112.00m to 118.80m	1	6.80	(1.10 + 1.10) / 2	0.05	0.37	
	Ch 118.80m to123.55m	1	4.75	(1.10 + 1.20) / 2	0.05	0.27	
				Present Qty		**305.79**	**Cum**
				Qty Paid In 1st Part Bill		**0.00**	**Cum**
				Total Qty		**305.79**	**Cum**
				Qty Deduct In 1st Part Bill		**0.00**	**Cum**
				Qty Payable In 2nd Part Bill		**305.79**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 5-10-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
26	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4A)						
	2nd Bill						
	Qty from Item No-03		2211.70	1.28		2830.98	
					Present Qty	**2830.98**	**Cum**
					Qty Paid In 1st Part Bill	**9292.67**	**Cum**
					Total Qty	**12123.65**	**Cum**
					Qty Deduct In 1st Part Bill	**9292.67**	**Cum**
					Qty Payable In 2nd Part Bill	**2830.98**	**Cum**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Sub. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 9-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
27	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work.						
	2nd Bill						
	For Cobble Stone						
	Ward No-03						
	Shiva Mandhir Road						
	RHS From Puttenhalli Rd						
	Ch:0.00m to 1.60m	1	1.60	(1.60 + 1.60)/2	0.30	0.77	
	Ch:0.00m to 2.20m	1	2.20	(1.60 + 1.60)/2	0.30	1.06	
	Ch:0.00m to 5.05m	1	5.05	(1.60 + 1.60)/2	0.30	2.42	
	Ch:0.00m to 1.00m	1	1.00	(1.70 + 1.70)/2	0.30	0.51	
	Ch:0.00m to 0.80m	1	0.80	(1.70 + 1.70)/2	0.30	0.41	
	Ch:0.00m to 2.50m	1	2.50	(1.70 + 1.75)/2	0.30	1.29	
	Ch:0.00m to 1.45m	1	1.45	(1.60 + 1.60)/2	0.30	0.70	
	Ch:0.00m to 1.40m	1	1.40	(1.60 + 1.60)/2	0.30	0.67	
	Ch:0.00m to 3.45m	1	3.45	(1.60 + 1.60)/2	0.30	1.66	
	Ch:0.00m to 2.85m	1	2.85	(1.70 + 1.70)/2	0.30	1.45	
	Ch:0.00m to 4.65m	1	4.65	(1.70 + 1.70)/2	0.30	2.37	
	Ch:0.00m to 2.84m	1	2.84	(1.60 + 1.60)/2	0.30	1.36	
	Ch:0.00m to 4.25m	1	4.25	(1.60 + 1.60)/2	0.30	2.04	

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Road Gap 11th Main						
	Ch:0.00m to 1.10m	1	26.20	(1.25 + 1.25) / 2	0.30	9.83	
	Gap						
	Ch:0.00m to 1.10m	1	17.55	(1.25 + 1.30) / 2	0.30	6.71	
	Road Gap 12th Main						
	Ch:0.00m to 1.10m	1	26.10	(1.25 + 1.30) / 2	0.30	9.98	
	Shoulder Drain	-4	1.30	(0.60 + 0.60) / 2	0.30	-0.94	
	Tree Guards	-1	2.80	(1.25 + 1.25) / 2	0.30	-1.05	
	Tree Guards	-2	1.90	(1.25 + 1.25) / 2	0.30	-1.43	
	Tree Guards	-1	1.25	(1.25 + 1.25) / 2	0.30	-0.47	
	Tree Guards	-1	2.40	(1.25 + 1.25) / 2	0.30	-0.90	
	Tree Guards	1	2.20	(1.25 + 1.25) / 2	0.30	0.83	
	Tree Guards	1	2.80	(1.25 + 1.25) / 2	0.30	1.05	
	Tree Guards	1	1.50	(1.20 + 1.20) / 2	0.30	0.54	
	Tree Guards	1	2.20	(1.25 + 1.25) / 2	0.30	0.83	
	Tree Guards	1	1.80	(1.25 + 1.25) / 2	0.30	0.68	
	Tree Guards	1	1.85	(1.25 + 1.25) / 2	0.30	0.69	
	12th Main Rd						
	LHS From 5th main Rd						
	Ch:0.00m to 17.45m	1	17.45	(1.25 + 9.00) / 2	0.30	26.83	
	Tree Guards	1	2.00	(1.25 + 1.25) / 2	0.30	0.75	
					Present Qty	**661.85**	**Cum**
					Qty Paid In 1st Part Bill	**0.00**	**Cum**
					Total Qty	**661.85**	**Cum**
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**
					Qty Payable In 2nd Part Bill	**661.85**	**Cum**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

MEASUREMENT SHEETS

"SEOND AND PART BILL"

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements								
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed								
	Vide Premeasurement page no. 1 to 29					2211 70			
					Present Qty	**2211.70**	**Cum**	**341.00**	**754191.11**
4	Providing and laying in position plain cement concrete Mix 1 3 6 (M10) for levelling course for all works in foundation Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete								
	Vide Premeasurement page no. 30 to 54					675 28			
					Present Qty	**675.28**	**Cum**	**6452.10**	**4356990.38**
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0 50m to 3 50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical								
	Vide Premeasurement page no. 55 to 62					431 64			
					Present Qty	**431.64**	**Cum**	**7368.31**	**3180454.00**
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications MORTH Specification NO 1600&2200								
	Vide Premeasurement page no. 63 to 66					26 44			
					Present Qty	**26.44**	**Tn**	**115906.72**	**3064965.89**
14	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0 50m to 3 50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all								
	Vide Premeasurement page no. 67 to 76					172 42			
					Present Qty	**172.42**	**Cum**		
					Upto 125%	**22.85**	**Cum**	**6838.04**	**1179031.95**
					Above 125%	**149.57**	**Cum**	**6838.04**	**1022782.74**
18	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a								
	Vide Premeasurement page no. 77 to 86					819 70			
					Present Qty	**819.70**	**Cum**	**72.91**	**59764.47**

Contractor

NANZEN CONSULTANTS * Consultant * Bangalore

Asst Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
20	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406 (PWD SR 21-22 Vol III Pg no 24 Item No 4.27 (A))								
	Vide Premeasurement page no. 87 to 96					471.33			
					Present Qty	**471.33**	**Cum**	**2685.41**	**1265710.67**
21	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502								
	Vide Premeasurement page no. 97 to 110					7831.61			
					Present Qty	**7831.61**	**Sqm**	**560.20**	**4387269.32**
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom								
	Vide Premeasurement page no. 111 to 116					6744.99			
					Present Qty	**6744.99**	**Sqm**	**13.46**	**90787.62**
23	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (								
	Vide Premeasurement page no. 117 to 123					305.79			
					Present Qty	**305.79**	**Cum**	**11092.74**	**3391994.89**
26	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km								
	Vide Premeasurement page no. 124					2830.98			
					Present Qty	**2830.98**	**T.km**	**107.69**	**304868.37**

Contractor

NEWZEN CONSULTANT * Bangalore *
Consultant

Asst. Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲನಾ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 15-12-22, 16-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)								
	2nd Bill								
	Judicial Layout								
	4th Cross Rd								
	LHS From 1st Cross Rd								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 49.00m	1	19.00	0.90		17.10			
	RHS From 1st Cross Rd								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 47.55m	1	17.55	0.90		15.80			
	Continue 4th Cross Rd								
	LHS From SWD								
	Ch:0.00m to 6.20m	1	6.20	0.90		5.58			
	Ch:6.20m to 19.20m	1	13.00	0.90		0.00			
	Ch:19.20m to 45.60m	1	26.40	0.90		23.76			
	Ch:45.60m to 57.80m	1	12.20	0.90		0.00			
	Ch:57.80m to 70.05m	1	12.25	0.90		11.03			
	Ch:70.05m to 74.05m	1	4.00	0.90		0.00			
	Ch:74.05m to 82.35m	1	8.30	0.90		7.47			
	Ch:82.35m to 94.70m	1	13.35	0.90		0.00			
	Ch:94.70m to 120.80m	1	26.10	0.90		23.49			
	Ch:120.80m to 130.80m	1	10.00	0.90		0.00			
	Ch:130.80m to 143.30m	1	12.50	0.90		11.25			
	Ch:143.30m to 146.15m	1	2.85	0.90		0.00			
	Ch:146.15m to 155.30m	1	9.15	0.90		0.00			
	Ch:155.30m to 180.00m Gap	1	24.70						
	Ch:180.00m to 210.00m	1	30.00	0.90		27.00			
	Ch:210.00m to 231.30m	1	21.30	0.90		19.17			
	Ch:231.30m to 233.80m	1	2.50	0.90		2.25			
	Ch:233.80m to 253.70m	1	19.90	0.90		17.91			
	Ch:253.70m to 265.80m	1	12.10	0.90		0.00			
	Ch:265.80m to 290.10m	1	24.30	0.90		21.87			

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	RHS From 1st Main Rd								
	Ch:0.00m to 13.00m	1	13.00	0.90		0.00			
	Ch:13.00m to 18.00m	1	5.00	0.90		4.50			
	Ch:18.00m to 20.60m	1	2.60	0.90		2.34			
	Ch:20.60m to 26.80m	1	6.20	0.90		5.58			
	Ch:26.80m to 28.00m	1	1.20	0.90		1.08			
	Ch:28.00m to 37.40m	1	9.40	0.90		8.46			
	Ch:37.40m to 49.80m	1	12.40	0.90		0.00			
	Ch:49.80m to 74.50m	1	24.70	0.90		22.23			
	Ch:74.50m to 87.90m	1	13.40	0.90		0.00			
	Ch:87.90m to 110.95m	1	23.05	0.90		20.75			
	Ch:110.95m to 120.80m	1	9.85	0.90		0.00			
	Ch:120.80m to 135.20m	1	14.40	0.90		0.00			
	Ch:135.20m to 138.75m Gap	1	3.55						
	Ch:138.75m to 147.50m	1	8.75	0.90		0.00			
	Ch:147.50m to 159.70m	1	12.20	0.90		0.00			
	Ch:159.70m to 171.90m	1	12.20	0.90		0.00			
	Ch:171.90m to 184.10m	1	12.20	0.90		0.00			
	Ch:184.10m to 211.20m	1	27.10	0.90		24.39			
	Ch:211.20m to 221.30m Rd Gap 7th Main Rd		10.10						
	Ch:221.30m to 251.30m	1	30.00	0.90		27.00			
	Ch:251.30m to 259.45m	1	8.15	0.90		7.34			
	5th Cross Rd								
	LHS From 1st Main Rd								
	Ch:0.00m to 26.70m	1	26.70	0.90		24.03			
	Ch:26.70m to 51.70m Gap	1	25.00						
	Ch:51.70m to 63.55m	1	11.85	0.90		10.67			
	Ch:63.55m to 66.60m	1	3.05	0.90		0.00			
	Ch:66.60m to 76.00m	1	9.40	0.90		8.46			
	Ch:76.00m to 106.00m Gap	1	30.00						
	Ch:106.00m to 111.60m Gap	1	5.60						
	Ch:111.60m to 124.70m	1	13.10	0.90		11.79			
	Ch:124.70m to 154.70m Gap	1	30.00						
	Ch:154.70m to 162.00m Gap	1	7.30						
	Ch:162.00m to 173.60m	1	11.60	0.90		10.44			
	Ch:173.60m to 186.00m Gap	1	12.40						
	Ch:186.00m to 198.10m	1	12.10	0.90		10.89			
	Ch:198.10m to 212.90m	1	14.80						
	RHS (From 1st Main Rd)								
	Ch:0.00m to 12.90m	1	12.90	0.90		11.61			
	Ch: 130.50m to 21.20m Road Gap 4th Main Rd	1	8.30						
	Ch:21.20m to 46.90m	1	25.70	0.90		23.13			

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Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:17.00m to 22.20m	1	5.20	0.90		4.68			
	Ch:22.20m to 25.20m	1	3.00	0.90		0.00			
	Ch:25.20m to 30.60m	1	5.40	0.90		4.86			
	Ch:30.60m to 39.80m	1	9.20	0.90		0.00			
	Ch:39.80m to 49.20m	1	9.40	0.90		8.46			
	Ch:49.20m to 57.80m	1	8.60	0.90		0.00			
	Ch:57.80m to 69.10m	1	11.30	0.90		10.17			
	Ch:69.10m to 72.40m	1	3.30	0.90		0.00			
	Ch:72.40m to 87.20m	1	14.80	0.90		13.32			
	Ch:87.20m to 94.10m	1	6.90	0.90		0.00			
	Ch:94.10m to 96.30m	1	2.20	0.90		1.98			
	Ch:96.30m to 105.30m Gap	1	9.00						
	Ch:105.30m to 116.40m	1	11.10	0.90		0.00			
	Ch:116.40m to 133.45m	1	17.05	0.90		15.35			
	Ch:133.45m to 150.55m	1	17.10	0.90		0.00			
	Ch:150.55m to 179.25m	1	28.70	0.90		25.83			
	Ch:179.25m to 182.45m	1	3.20	0.90		0.00			
	Ch:182.45m to 212.45m	1	30.00	0.90		27.00			
	Ch:212.45m to 213.65m	1	1.20	0.90		1.08			
	4th Main Rd								
	RHS From 5th Cross Rd								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 59.00m	1	29.00	0.90		26.10			
	3rd A Main Rd								
	LHS From 5th Cross Rd								
	Ch:0.00m to 19.40m		19.40	0.90		17.46			
	Connectivity Drain								
	5th Main Rd								
	Ch:0.00m to 4.75m	1	4.75	0.90		4.28			
	Ch:4.75m to 8.50m	1	3.75	0.90		0.00			
	Ch:8.50m to 11.30m	1	2.80	0.90		2.52			
	6th Main Rd								
	Ch:0.00m to 6.00m	1	0.60	0.90		0.54			
	Ch:0.00m to 1.20m	1	1.20	0.90		1.08			
	Upto SWD								
					Present Qty	**801.81**	**Sqm**		
					Released Reserved Qty	**392.59**	**Sqm**		
					Total Qty	**1194.40**	**Cum**		
					Qty Paid In 1st Part Bill	**5025.35**	**Cum**		
					Total Qty	**6219.75**	**Cum**		
					Qty Deduct In 1st Part Bill	**5025.35**	**Cum**		
					Qty Payable In 2nd Part Bill	**1194.40**	**Cum**	**2112.92**	**2523671.65**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 17-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)								
	2nd Bill								
	Judicial Layout								
	4th Cross Rd								
	LHS From SWD								
	Ch:6.20m to 19.20m	1	13.00	0.90		11.70			
	Ch:45.60m to 57.80m	1	12.20	0.90		10.98			
	Ch:70.05m to 74.05m	1	4.00	0.90		3.60			
	Ch:82.35m to 94.70m	1	12.35	0.90		11.12			
	Ch:120.80m to 130.80m	1	10.00	0.90		9.00			
	Ch:143.30m to 146.15m	1	2.85	0.90		2.57			
	Ch:146.15m to 155.30m	1	9.15	0.90		8.24			
	Ch:253.70m to 265.80m	1	12.10	0.90		10.89			
	RHS From 1st Main Rd								
	Ch:0.00m to 13.00m	1	13.00	0.90		11.70			
	Ch:37.40m to 49.80m	1	12.40	0.90		11.16			
	Ch:74.50m to 87.90m	1	13.40	0.90		12.06			
	Ch:110.95m to 120.80m	1	9.85	0.90		8.87			
	Ch:120.80m to 135.20m	1	14.40	0.90		12.96			
	Ch:138.75m to 147.50m	1	8.75	0.90		7.88			
	Ch:147.50m to 159.70m	1	12.20	0.90		10.98			
	Ch:171.90m to 184.10m	1	12.20	0.90		10.98			
	5th Cross Rd								
	LHS From 1st Main Rd								
	Ch:63.55m to 66.60m	1	3.05	0.90		2.75			
	RHS (From 1st Main Rd)								
	Ch:65.70m to 82.10m	1	16.40	0.90		14.76			
	6th Cross Rd								
	LHS From 1st Main Rd								
	Ch:40.95m to 48.15m	1	7.20	0.90		6.48			
	Ch:48.15m to 51.25m	1	3.10	0.90		2.79			
	Ch:51.25m to 59.95m	1	8.70	0.90		7.83			
	Ch:68.15m to 72.95m	1	4.80	0.90		4.32			

Contractor

NEWZEN CONSULTANT * Bangalore * Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:100.80m to 102.20m	1	1.40	0.90		1.26			
	Ch:102.20m to 106.10m	1	3.90	0.90		3.51			
	Ch:106.10m to 112.10m	1	6.00	0.90		5.40			
	Ch:153.20m to 156.50m	1	3.30	0.90		2.97			
	RHS From 1st Main Rd								
	Ch:11.80m to 17.00m	1	5.20	0.90		4.68			
	Ch:22.20m to 25.20m	1	3.00	0.90		2.70			
	Ch:30.60m to 39.80m	1	9.20	0.90		8.28			
	Ch:49.20m to 57.80m	1	8.60	0.90		7.74			
	Ch:69.10m to 72.40m	1	3.30	0.90		2.97			
	Ch:87.20m to 94.10m	1	6.90	0.90		6.21			
	Ch:105.30m to 116.40m	1	11.10	0.90		9.99			
	Ch:179.25m to 182.45m	1	3.20	0.90		2.88			
	Connectivity Drain								
	5th Main Rd								
	Ch:4.75m to 8.50m	1	3.75	0.90		3.38			
					Present Qty	**255.56**	**Sqm**		
					Qty Paid In 1st Part Bill	**162.03**	**Sqm**		
					Total Qty	**417.59**	**Sqm**		
					Qty Deduct In 1st Part Bill	**162.03**	**Sqm**		
					Qty Payable In 2nd Part Bill	**255.56**	**Sqm**	**853.53**	**218123.86**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 20-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
9	Providing Machine Cutting edges to B S slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) inclusive of all Taxes complete. as directed by the Engineer in Charge of the work (excluding Area Leading Charges)								
	2nd Bill								
	Judicial Layout								
	4th Cross Rd								
	LHS From SWD								
	Ch:6.20m to 19.20m	1	13 00			13 00			
	Ch:45.60m to 57.80m	1	12 20			12 20			
	Ch:70.05m to 74.05m	1	4.00			4.00			
	Ch:82.35m to 94.70m	1	12 35			12 35			
	Ch:120.80m to 130.80m	1	10 00			10 00			
	Ch:143.30m to 146.15m	1	2 85			2 85			
	Ch:146.15m to 155.30m	1	9.15			9.15			
	Ch:253.70m to 265.80m	1	12.10			12 10			
	RHS From 1st Main Rd								
	Ch:0.00m to 13.00m	1	13.00			13 00			
	Ch:37.40m to 49.80m	1	12.40			12.40			
	Ch:74.50m to 87.90m	1	13.40			13 40			
	Ch:110.95m to 120.80m	1	9.85			9.85			
	Ch:120.80m to 135.20m	1	14.40			14 40			
	Ch:138.75m to 147.50m	1	8.75			8.75			
	Ch:147.50m to 159.70m	1	12.20			12.20			
	Ch:171.90m to 184.10m	1	12.20			12.20			
	5th Cross Rd								
	LHS From 1st Main Rd								
	Ch:63.55m to 66.60m	1	3.05			3.05			
	RHS (From 1st Main Rd)								
	Ch:65.70m to 82.10m	1	16.40			16 40			
	6th Cross Rd								
	LHS From 1st Main Rd								
	Ch:12.90m to 27.40m	1	24 35			24.35			
	Ch:35.25m to 38.35m	1	3 10			3.10			
	Ch:38.35m to 40.95m	1	2 60			2.60			
	Ch:40.95m to 48.15m	1	7 20			7.20			

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:48.15m to 51.25m	1	3.10			3.10			
	Ch:51.25m to 59.95m	1	8.70			8.70			
	Ch:68.15m to 72.95m	1	4.80			4.80			
	Ch:100.80m to 102.20m	1	1.40			1.40			
	Ch:102.20m to 106.10m	1	3.90			3.90			
	Ch:106.10m to 112.10m	1	6.00			6.00			
	Ch:134.80m to 153.20m	1	18.40			18.40			
	Ch:153.20m to 156.50m	1	3.30			3.30			
	RHS From 1st Main Rd								
	Ch:11.80m to 17.00m	1	5.20			5.20			
	Ch:22.20m to 25.20m	1	3.00			3.00			
	Ch:30.60m to 39.80m	1	9.20			9.20			
	Ch:49.20m to 57.80m	1	8.60			8.60			
	Ch:69.10m to 72.40m	1	3.30			3.30			
	Ch:87.20m to 94.10m	1	6.90			6.90			
	Ch:105.30m to 116.40m	1	11.10			11.10			
	Ch:133.45m to 150.55m	1	17.10			17.10			
	Ch:179.25m to 182.45m	1	3.20			3.20			
	Connectivity Drain								
	5th Main Rd								
	Ch:4.75m to 8.50m	1	3.75			3.75			
					Present Qty	**349.50**	**M**		
					Qty Paid In 1st Part Bill	**162.03**	**M**		
					Total Qty	**511.53**	**M**		
					Qty Deduct In 1st Part Bill	**162.03**	**M**		
					Qty Payable In 2nd Part Bill	**349.50**	**M**	**397.70**	**138996.15**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 21-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge								
	2nd Bill								
	Culvert Top Slab								
	6th Cross Rd								
	2nd Main Rd	1	7.85	1.20		9.42			
	3rd Main Rd	1	8.20	1.20		9.84			
	4th Main Rd	1	7.20	1.20		8.64			
	5th Main Rd	1	7.50	1.20		9.00			
	6th Main Rd	1	7.50						
					Present Qty	**36.90**	**Sqm**		
					Qty Paid In 1st Part Bill	**177.30**	**Sqm**		
					Total Qty	**214.20**	**Sqm**		
					Qty Deduct In 1st Part Bill	**177.30**	**Sqm**		
					Qty Payable In 2nd Part Bill	**36.90**	**Sqm**	**5136.48**	**189536.11**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 15-12-22 , 22-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift,								
	2nd Bill								
	Ward No-04								
	For Kerb Stone								
	Judicial Layout								
	4th Cross Rd								
	LHS From 1st Cross Rd								
	Ch:0.00m to 30.00m	1	30.00			30.00			
	Ch:30.00m to 49.00m	1	19.00			19.00			
	RHS From 1st Cross Rd								
	Ch:0.00m to 30.00m	1	30.00			30.00			
	Ch:30.00m to 47.55m	1	17.55			17.55			
	Continue 4th Cross Rd								
	LHS From SWD								
	Ch:0.00m to 6.20m	1	6.20			6.20			
	Ch:6.20m to 19.20m	1	13.00			13.00			
	Ch:19.20m to 45.60m	1	26.40			26.40			
	Ch:45.60m to 57.80m	1	12.20			12.20			
	Ch:57.80m to 70.05m	1	12.25			12.25			
	Ch:70.05m to 74.05m	1	4.00			4.00			
	Ch:74.05m to 82.35m	1	8.30			8.30			
	Ch:82.35m to 94.70m	1	12.35			12.35			
	Ch:94.70m to 120.80m	1				26.10			
	Ch:120.80m to 130.80m	1	10.00			10.00			
	Ch:130.80m to 143.30m	1	12.50			12.50			
	Ch:143.30m to 146.15m	1	2.85			2.85			
	Ch:146.15m to 155.30m	1	9.15			9.15			
	Ch:155.30m to 180.00m Gap	1	24.70						
	Ch:180.00m to 210.00m	1	30.00			30.00			
	Ch:210.00m to 231.30m	1	21.30			21.30			
	Ch:231.30m to 233.80m	1	2.50			2.50			
	Ch:233.80m to 253.70m	1	19.90			19.90			

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:253.70m to 265.80m	1	12.10			12.10			
	Ch:265.80m to 290.10m	1	24.30			24.30			
	RHS From 1st Main Rd								
	Ch:0.00m to 13.00m	1	13.00			13.00			
	Ch:13.00m to 18.00m	1	5.00			5.00			
	Ch:18.00m to 20.60m	1	2.60			2.60			
	Ch:20.60m to 26.80m	1	6.20			6.20			
	Ch:26.80m to 28.00m	1	1.20			1.20			
	Ch:28.00m to 37.40m	1	9.40			9.40			
	Ch:37.40m to 49.80m	1	12.40			12.40			
	Ch:49.80m to 74.50m	1	24.70			24.70			
	Ch:74.50m to 87.90m	1	13.40			13.40			
	Ch:87.90m to 110.95m	1	23.05			23.05			
	Ch:110.95m to 120.80m	1	9.85			9.85			
	Ch:120.80m to 135.20m	1	14.40			14.40			
	Ch:135.20m to 138.75m Gap	1	3.55			3.55			
	Ch:138.75m to 147.50m	1	8.75			8.75			
	Ch:147.50m to 159.70m	1	12.20			12.20			
	Ch:159.70m to 171.90m	1	12.20			12.20			
	Ch:171.90m to 184.10m	1	12.20			12.20			
	Ch:184.10m to 211.20m	1	27.10			27.10			
	Ch:211.20m to 221.30m Rd Gap 7th Main Rd		10.10						
	Ch:221.30m to 251.30m	1	30.00			30.00			
	Ch:251.30m to 259.45m	1	8.15			8.15			
	5th Cross Rd								
	LHS From 1st Main Rd								
	Ch:0.00m to 26.70m	1	26.70			26.70			
	Ch:26.70m to 51.70m Gap	1	25.00						
	Ch:51.70m to 63.55m	1	11.85			11.85			
	Ch:63.55m to 66.60m	1	3.05			3.05			
	Ch:66.60m to 76.00m	1	9.40			9.40			
	Ch:76.00m to 106.00m Gap	1	30.00						
	Ch:106.00m to 111.60m Gap	1	5.60						
	Ch:111.60m to 124.70m	1	13.10			13.10			
	Ch:124.70m to 154.70m Gap	1	30.00						
	Ch:154.70m to 162.00m Gap	1	7.30						
	Ch:162.00m to 173.60m	1	11.60			11.60			
	Ch:173.60m to 186.00m Gap	1	12.40						
	Ch:186.00m to 198.10m	1	12.10			12.10			
	Ch:198.10m to 212.90m	1	14.80						
	RHS (From 1st Main Rd)								
	Ch:0.00m to 12.90m	1	12.90			12.90			

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
						1274.40	m		
						2832.00	Nos		
					Reserved Qty	4628.67	Nos		
					Present Qty	7460.67	Nos		
					Qty Paid In 1st Part Bill	8555.33	Nos		
					Total Qty	16016.00	Nos		
					Qty Deduct In 1st Part Bill	8555.33	Nos		
					Qty Payable In 2nd Part Bill	7460.67	Nos		
					Upto125%	2138.83	Nos	517.01	1105798.22
					Above 125 %	5321.83	Nos	517.01	2751441.05

Contractor

NEC CONSULTANT * Consultant * Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 23-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications								
	2nd Bill								
	Ward No-03								
	Shiva Mandhir Road								
	RHS From Puttenhalli Rd								
	Ch:0.00m to 1.60m	1	1.60	(1.60 + 1.60)/2		2.56			
	Ch:0.00m to 2.20m	1	2.20	(1.60 + 1.60)/2		3.52			
	Ch:0.00m to 5.05m	1	5.05	(1.60 + 1.60)/2		8.08			
	Ch:0.00m to 1.00m	1	1.00	(1.70 + 1.70)/2		1.70			
	Ch:0.00m to 0.80m	1	0.80	(1.70 + 1.70)/2		1.36			
	Ch:0.00m to 2.50m	1	2.50	(1.70 + 1.75)/2		4.31			
	Ch:0.00m to 1.45m	1	1.45	(1.60 + 1.60)/2		2.32			
	Ch:0.00m to 1.40m	1	1.40	(1.60 + 1.60)/2		2.24			
	Ch:0.00m to 3.45m	1	3.45	(1.60 + 1.60)/2		5.52			
	Ch:0.00m to 2.85m	1	2.85	(1.70 + 1.70)/2		4.85			
	Ch:0.00m to 4.65m	1	4.65	(1.70 + 1.70)/2		7.91			
	Ch:0.00m to 2.84m	1	2.84	(1.60 + 1.60)/2		4.54			
	Ch:0.00m to 4.25m	1	4.25	(1.60 + 1.60)/2		6.80			
	Deduct	-1	1.00	(0.60 + 0.60)/2		-0.60			
	Ch:0.00m to 7.25m	1	7.25	(1.60 + 1.50)/2		11.24			

16/01/2023

Contractor

NIHEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:0.00m to 3.20m	1	3.20	1.60 + 1.80 / 2		5.44			
	Gap Gate (Taj Hotel)								
	Ch:0.00m to 3.45m	1	3.45	1.70 + 1.70 / 2		5.87			
	Ch:0.00m to 2.40m	1	2.40	1.70 + 1.70 / 2		4.08			
	Ch:0.00m to 7.10m	1	7.10	1.60 + 1.60 / 2		11.36			
	Ch:0.00m to 2.50m	1	2.50	1.60 + 1.60 / 2		4.00			
	Ch:0.00m to 2.50m	1	2.50	1.60 + 1.60 / 2		4.00			
	Ch:0.00m to 2.80m	1	2.80	1.60 + 1.60 / 2		4.48			
	Ch:0.00m to 3.00m	1	3.00	1.50 + 1.50 / 2		4.50			
	Ch:0.00m to 1.60m	1	1.60	1.50 + 1.50 / 2		2.40			
	Ch:0.00m to 2.90m	1	2.90	1.45 + 1.45 / 2		4.21			
	Ch:0.00m to 11.50m	1	11.50	1.40 + 1.40 / 2		16.10			
	Ch:0.00m to 3.20m	1	3.20	1.30 + 1.30 / 2		4.16			
	Ch:0.00m to 7.05m	1	7.05	1.30 + 1.30 / 2		9.17			
	Ch:0.00m to 7.05m	1	7.05	1.30 + 1.30 / 2		9.17			
	Deduct	-1	0.80	0.60 + 0.60 / 2		-0.48			
	Ch:0.00m to 12.90m	1	12.90	1.30 + 1.30 / 2		16.77			
	Ch:0.00m to 5.25m	1	5.25	1.30 + 1.30 / 2		6.83			
	Ch:0.00m to 5.30m	1	5.30	1.30 + 1.30 / 2		6.89			
	Ch:0.00m to 14.30m	1	14.30	1.30 + 1.30 / 2		18.59			
	Ch:0.00m to 10.50m	1	10.50	1.20 + 1.20 / 2		12.60			
	Ch:0.00m to 2.50m	1	2.50	1.00 + 0.80 / 2		2.25			
	Road Gap 2nd Cross Rd								
	Gap								
	Ramp Gate	1	4.40						

16/01/2023

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Tree Guards	-1	2.80	(1.25 + 1.25)/2		-3.50			
	Tree Guards	-2	1.90	(1.25 + 1.25)/2		-4.75			
	Tree Guards	-1	1.25	(1.25 + 1.25)/2		-1.56			
	Tree Guards	-1	2.40	(1.25 + 1.25)/2		-3.00			
	Tree Guards	-1	2.20	(1.25 + 1.25)/2		-2.75			
	Tree Guards	-1	2.80	(1.25 + 1.25)/2		-3.50			
	Tree Guards	-1	1.50	(1.20 + 1.20)/2		-1.80			
	Tree Guards	-1	2.20	(1.25 + 1.25)/2		-2.75			
	Tree Guards	-1	1.80	(1.25 + 1.25)/2		-2.25			
	Tree Guards	-1	1.85	(1.25 + 1.25)/2		-2.31			
	12th Main Rd								
	LHS From 5th Main Rd								
	Ch.0.00m to 17.45m	1	17.45	(1.25 + 9.00)/2		89.43			
	Tree Guards	-1	2.00	(1.25 + 1.25)/2		-2.50			
					Present Qty	**2032.78**	**Sqm**		
					Qty Paid In 1st Part Bill	**640.18**	**Sqm**		
					Total Qty	**2672.95**	**Sqm**		
					Qty Deduct In 1st Part Bill	**640.18**	**Sqm**		
					Qty Payable In 2nd Part Bill	**2032.78**	**Sqm**	**1219.32**	**2478607.48**

Contractor

ENVIZEN CONSULTANT * Bangalore * Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 24-12-22, 26-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
24	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects Volume-3								
	2nd Bill								
	Ward No-04								
	Asphalt Road								
	Judicial Layout								
	9th Cross Rd								
	From 14th Main Rd								
	Ch:0.00m to 3.20m	1	3.20	(8.75 + 8.35)/2	0.04	1.09			
	Ch:93.90m to 22.50m	1	19.30	(7.70 + 7.45)/2	0.04	5.85			
	Ch:22.50m to 45.80m	1	23.30	(6.80 + 6.30)/2	0.04	6.10			
	Ch:45.80m to 51.60m	1	5.80	(7.10 + 7.80)/2	0.04	1.73			
	Ch:51.60m to 54.80m	1	3.20	(7.10 + 6.90)/2	0.04	0.90			
	Ch:54.80m to 62.00m	1	7.20	(7.35 + 7.30)/2	0.04	2.11			
	Ch:62.00m to 74.40m	1	12.40	(6.60 + 6.50)/2	0.04	3.25			
	Ch:74.40m to 85.70m	1	11.30	(7.50 + 7.55)/2	0.04	3.40			
	Ch:85.70m to 94.90m	1	9.20	(5.60 + 5.70)/2	0.04	2.15			
	Ch:94.90m to 110.40m	1	15.50	(6.10 + 6.80)/2	0.04	4.00			
	Ch:110.40m to 140.40m	1	30.00	(7.15 + 6.70)/2	0.04	8.31			
	Ch:140.40m to 170.40m	1	30.00	(6.70 + 6.90)/2	0.04	8.16			

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Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Description of ... Division under Ar...

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:170.40m to 175.20m	1	4.80	(6.90 + 8.90)/2	0.04	1.52			
	upto 11th Main Rd								
	10th Cross Rd								
	From 11th Main Rd								
	Ch:0.00m to 3.20m	1	3.10	(7.90 + 7.10)/2	0.04	0.93			
	Ch:3.20m to 15.80m	1	12.70	(6.80 + 6.80)/2	0.04	3.45			
	Ch:15.80m to 18.80m	1	3.00	(6.80 + 6.50)/2	0.04	0.80			
	Ch:18.80m to 31.00m	1	12.20	(5.90 + 6.40)/2	0.04	3.00			
	Ch:31.00m to 55.70m	1	24.70	(7.00 + 7.30)/2	0.04	7.06			
	Ch:55.70m to 79.60m	1	23.90	(7.00 + 7.50)/2	0.04	6.93			
	Ch:79.60m to 81.40m	1	1.80	(6.50 + 6.50)/2	0.04	0.47			
	Ch:81.40m to 86.70m	1	5.30	(7.20 + 7.20)/2	0.04	1.53			
	Ch:86.70m to 92.20m	1	5.50	(6.60 + 6.60)/2	0.04	1.65			
	Ch:92.20m to 122.20m	1	30.00	(7.10 + 7.40)/2	0.04	8.70			
	Ch:122.20m to 152.20m	1	30.00	(7.40 + 7.20)/2	0.04	8.76			
	Ch:152.20m to 167.80m	1	15.60	(7.20 + 7.20)/2	0.04	4.49			
	Ch:167.80m to 171.60m	1	3.80	(10.10 + 10.00)/2	0.04	1.53			
	13th A Main Road								
	From 10th Cross Rd								
	Ch:0.00m to 2.10m	2	10	(10.90 + 9.90)/2	0.04	0.92			
	Ch:2.10m to 32.10m	1	30.00	(7.90 + 7.00)/2	0.04	8.94			
	Ch:32.10m to 62.10m	1	30.00	(7.00 + 7.80)/2	0.04	8.88			
	Ch:62.10m to 63.90m	1	1.80	(7.80 + 7.80)/2	0.04	0.56			
	Ch:63.90m to 93.90m	1	30.00	(6.60 + 5.80)/2	0.04	7.44			

Contractor

KENZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:93.90m to 112.90m	1	19.00	(5.80 + 5.70)/2	0.04	4.37			
	Ch:112.90m to 142.90m	1	30.00	(6.10 + 6.20)/2	0.04	7.38			
	Ch:142.90m to 142.90m	1	6.70	(6.20 + 6.00)/2	0.04	1.63			
	Ch:142.90m to 158.80m	1	9.20	(6.40 + 6.80)/2	0.04	2.43			
	11th Cross Rd								
	From 13th A Main Road								
	Ch:0.00m to 1.70m	1	1.70	(8.20 + 8.20)/2	0.04	0.56			
	Ch:1.70m to 31.70m	1	30.00	(6.30 + 5.70)/2	0.04	7.20			
	Ch:31.70m to 50.50m	1	18.80	(5.70 + 5.50)/2	0.04	4.21			
	Ch:50.50m to 77.60m	1	27.10	(6.05 + 6.50)/2	0.04	6.80			
	Ch:77.60m to 84.30m	1	6.70	(6.10 + 6.10)/2	0.04	1.63			
	Ch:84.30m to 87.60m	1	3.30	(5.30 + 5.50)/2	0.04	0.71			
	Ch:87.60m to 100.90m	1	13.30	(6.30 + 6.90)/2	0.04	3.51			
	Ch:100.90m to 105.70m	1	4.80	(6.40 + 6.40)/2	0.04	1.23			
	Ch:105.70m to 114.80m	1	9.10	(5.80 + 5.90)/2	0.04	2.13			
	Ch:114.80m to 118.00m	1	3.20	(6.40 + 8.10)/2	0.04	0.93			
	12th Cross Rd								
	From 11th Main Road								
	Ch:0.00m to 3.10m	1	3.10	(6.70 + 5.90)/2	0.04	0.78			
	Ch:3.10m to 7.50m	1	4.40	(5.90 + 5.70)/2	0.04	1.02			
	Ch:7.50m to 16.80m	1	9.30	(6.70 + 6.70)/2	0.04	2.49			
	Ch:16.80m to 25.20m	1	8.40	(6.10 + 6.50)/2	0.04	2.12			
	Ch:25.20m to 35.80m	1	10.60	(5.40 + 5.30)/2	0.04	2.27			

08/01/2023

08/01/2023

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:35.80m to 45.20m	1	9.40	(4.70 + 4.80)/2	0.04	1.79			
	Ch:45.20m to 62.60m	1	17.40	(4.40 + 4.60)/2	0.04	3.13			
	Ch:62.60m to 73.20m	1	10.60	(4.50 + 5.70)/2	0.04	2.16			
	13th Cross Rd								
	From12th Main Road								
	Ch:0.00m to 7.00m	1	7.00	(6.40 + 5.60)/2	0.04	1.68			
	Ch:7.00m to 16.20m	1	9.20	(6.10 + 6.00)/2	0.04	2.23			
	Ch:16.20m to 25.40m	1	9.20	(5.40 + 5.65)/2	0.04	2.03			
	Ch:25.40m to 38.90m	1	13.50	(6.20 + 5.70)/2	0.04	3.21			
	Ch:38.90m to 43.10m	1	4.20	(4.70 + 4.80)/2	0.04	0.80			
	Ch:43.10m to 49.80m	1	6.70	(5.00 + 5.00)/2	0.04	1.34			
	Ch:49.80m to 54.60m	1	4.80	(5.60 + 5.60)/2	0.04	1.08			
	Ch:54.60m to 68.30m	1	13.70	(6.20 + 6.80)/2	0.04	3.56			
	12th Main Road								
	From 11th Cross Road								
	Ch:0.00m to 1.20m	1	1.20	(7.80 + 7.30)/2	0.04	0.36			
	Ch:1.20m to 16.60m	1	15.40	(5.30 + 5.40)/2	0.04	3.30			
	Ch:16.60m to 36.30m	1	19.70	(6.10 + 6.20)/2	0.04	4.85			
	Ch: 36.30m to 54.80m	1	18.50	(5.25 + 4.60)/2	0.04	3.64			
	Ch:54.80m to 63.80m	1	9.00	(5.40 + 5.20)/2	0.04	1.91			
	Ch:63.80m to 93.80m	1	30.00	(4.60 + 5.40)/2	0.04	6.00			
	Ch:93.80m to 109.00m	1	15.20	(5.40 + 6.70)/2	0.04	3.68			
	Matru Layout								
	LHS Side								
	5th Cross Rd								

16/01/2023
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಲ್ಲೇಶ್ವರಂ ವಿಭಾಗ

ಸಹಾಯಕ ಎಕ್ಸಿಕ್ಯೂಟಿವ್ ಇಂಜಿನಿಯರ್
ಮಲ್ಲೇಶ್ವರಂ ಉಪವಿಭಾಗ 106
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

16/01/2023
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಲ್ಲೇಶ್ವರಂ ವಿಭಾಗ

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		-1	11.30	0.50 + 0.50 / 2	0.04	-0.23			
					Present Qty	**269.80**	**Cum**		
					Qty Paid In 1st Part Bill	**0.00**	**Cum**		
					Total Qty	**269.80**	**Cum**		
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**		
					Qty Payable In 2nd Part Bill	**269.80**	**Cum**	**12934.61**	**3489754.54**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 27-12-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
25	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. Volume-3								
	2nd Bill								
	Ward No-04								
	Asphalt Road								
	Judicial Layout								
	9th Cross Rd								
	From 14th Main Rd								
	Ch:0.00m to 3.20m	2	3.20	0.10		0.64			
	Ch:93.90m to 22.50m	2	19.30	0.10		3.86			
	Ch:22.50m to 45.80m	2	23.30	0.10		4.66			
	Ch:45.80m to 51.60m	2	5.80	0.10		1.16			
	Ch:51.60m to 54.80m	2	3.20	0.10		0.64			
	Ch:54.80m to 62.00m	2	7.20	0.10		1.44			
	Ch:62.00m to 74.40m	2	12.40	0.10		2.48			
	Ch:74.40m to 85.70m	2	11.30	0.10		2.26			
	Ch:85.70m to 94.90m	2	9.20	0.10		1.84			
	Ch:94.90m to 110.40m	2	15.50	0.10		3.10			
	Ch:110.40m to 140.40m	2	30.00	0.10		6.00			
	Ch:140.40m to 170.40m	2	30.00	0.10		6.00			
	Ch:170.40m to 175.20m	2	4.80	0.10		0.96			
	upto 11th Main Rd								
	10th Cross Rd								
	From 11th Main Rd								
	Ch:0.00m to 3.20m	2	3.10	0.10		0.62			
	Ch:3.20m to 15.80m	2	12.70	0.10		2.54			
	Ch:15.80m to 18.80m	2	3.00	0.10		0.60			
	Ch:18.80m to 31.00m	2	12.20	0.10		2.44			
	Ch:31.00m to 55.70m	2	24.70	0.10		4.94			
	Ch:55.70m to 79.60m	2	23.90	0.10		4.78			
	Ch:79.60m to 81.40m	2	1.80	0.10		0.36			
	Ch:81.40m to 86.70m	2	5.30	0.10		1.06			
	Ch:86.70m to 92.20m	2	5.50	0.10		1.10			

Contractor

CITIZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Exec. Engineer

Description of Work

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:18.80m to 31.00m	0.5	12.20	0.10		0.61			
	Ch:31.00m to 55.70m	0.5	24.70	0.10		1.24			
	Ch:55.70m to 79.60m	0.5	23.90	0.10		1.20			
	Ch:79.60m to 81.40m	0.5	1.80	0.10		0.09			
	Ch:81.40m to 86.70m	0.5	5.30	0.10		0.27			
	Ch:86.70m to 92.20m	0.5	5.50	0.10		0.28			
	Ch:92.20m to 122.20m	0.5	30.00	0.10		1.50			
	Ch:122.20m to 152.20m	0.5	30.00	0.10		1.50			
	Ch:152.20m to 167.80m	0.5	15.60	0.10		0.78			
	Ch:167.80m to 171.60m	0.5	3.80	0.10		0.19			
	13th A Main Road								
	From 10th Cross Rd								
	Ch:0.00m to 2.10m	0.5	2.10	0.10		0.11			
	Ch:2.10m to 32.10m	0.5	30.00	0.10		1.50			
	Ch:32.10m to 62.10m	0.5	30.00	0.10		1.50			
	Ch:62.10m to 63.90m	0.5	1.80	0.10		0.09			
	Ch:63.90m to 93.90m	0.5	30.00	0.10		1.50			
	Ch:93.90m to 112.90m	0.5	19.00	0.10		0.95			
	Ch:112.90m to 142.90m	0.5	30.00	0.10		1.50			
	Ch:142.90m to 142.90m	0.5	6.70	0.10		0.34			
	Ch:142.90m to 158.80m	0.5	9.20	0.10		0.46			
						228.37	**Sqm**		
	Qty Paid In 1st Part Bill					**0.00**	**Sqm**		
	Total Qty					**228.37**	**Sqm**		
	Qty Deduct In 1st Part Bill					**0.00**	**Sqm**		
	Qty Payable In 2nd Part Bill					**228.37**	**Sqm**	**536.18**	**122447.43**

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to Roads, Drains and Other Developmental Works at Shivamandira Road, Matru Layout, Shaada Nagar Judicial Layout and Surrounding Area in Ward no 02,03,04 of Yelahanka Division under Amruth Nagarothana Grants. (PAKAGE NO -05)

Detailed Measurements

Measurement Recorded On: 28-11-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit		
30	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and								
	2nd Bill								
	Ward No-03								
	For SSM near Krishnam oil mill								
						Release Reserved Qty	**31.40**	**Sqm**	
						Qty Paid In 1st Part Bill	**171.00**	**Sqm**	
						Total Qty	**202.40**	**Sqm**	
						Qty Deduct In 1st Part Bill	**171.00**	**Sqm**	
						Qty Payable In 2nd Part Bill	**31.40**	**Sqm**	**9324.59**	**292792.13**
								Sub Total	**31644944.57**
								GST 18%	**5696090.02**
								Grand Total	**37341034.60**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Executive Engineer